

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Reissue Application of

Attn: **BOX REISSUE**

U.S. Patent No. 5,600,672

Attorney Docket No. 2003\_1117

Issued February 4, 1997

Mitsuaki OSHIMA et al.

Serial No. NEW

Filed August 7, 2003

COMMUNICATION SYSTEM  
(Reissue Continuation  
of Serial No. 09/686,463  
Filed October 12, 2000)

THE COMMISSIONER IS AUTHORIZED  
TO CHARGE ANY DEFICIENCY IN THE  
FEES FOR THIS PAPER TO DEPOSIT  
ACCOUNT NO. 23-0975

**PRELIMINARY AMENDMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Prior to initial examination of the above-identified application, please amend the application as follows:

**IN THE SPECIFICATION AND ABSTRACT:**

**Please replace the specification and abstract with the attached substitute specification and abstract.**

**IN THE CLAIMS:**

**Please cancel claims 1-12 without prejudice or disclaimer to the subject matter therein. Please add new claims 13-20 as follows.**

**13. A signal transmission apparatus comprising:**

- a modulator operable to modulate a carrier wave with an input signal to produce a modulated signal, and**
- a transmitter operable to transmit the modulated signal.**